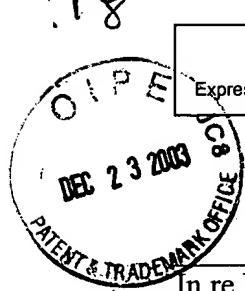


12-29-03

1644



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Dated: _____

Docket No.: 02292/000H795-US0
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Robert I. Lechler and Anthony Dorling

Application No.: 09/674,462

Confirmation Number: 8594

Filed: May 8, 2001

Art Unit: 1644

For: IMMUNOSUPPRESSION BY BLOCKING T
CELL CO-STIMULATION SIGNAL
2(B7/CD28 INTERACTION)

Examiner: Jessica Roark

SUBMISSION OF SUBSTITUTE DRAWINGS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith are substitute formal drawings of Figure 2 (1 sheet) and Figure 3 (2 sheets). The Applicants request that original Figures 2 and 3 be cancelled and substituted with Figures 2 and 3 submitted herewith.

This submission is in follow-up of our Response to the Notice to Comply with Requirements for Patent Application Containing Nucleotide and/or Amino Acid Sequence Disclosures (dated July 28, 2003) filed October 28, 2003. Nucleotides 296-355 of SEQ ID NO: 34 were accidentally omitted from Figure 3 as originally filed. The replacement Figure 3 submitted herewith includes nucleotides 296-355 of SEQ ID NO: 34.

It is believed that no fee(s) is required for these submissions. However, should the U.S. Patent and Trademark Office determine that any fee(s) is due or that any refund is owed for this application, the Commissioner is hereby authorized and requested to charge the required fee(s) and/or credit the refund(s) owed to our Deposit Account No. 04-0100.

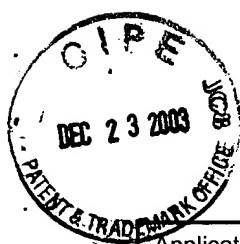
No new matter has been added by way of Substitute Figures 2 and 3. The specification supports full-length cattle CTLA-4 (SEQ ID NO: 34). In particular, SEQ ID NO: 34 is disclosed in reference 21 cited in the specification (Parsons et al. Immunogenetics 43(6), 388-391 (1996)). Figure 3 has also been amended to refer to SEQ ID NO: 33 (adjacent to "Human CTLA-4" label) and SEQ ID NO: 34 (adjacent to "Cattle CTLA-4" label). Substitute Figure 2 contains no changes except for referring to SEQ ID NO: 31 (adjacent to "Human CTLA-4" label) and SEQ ID NO: 32 (adjacent to "Cattle CTLA-4" label).

Please substitute the drawings submitted herewith (Figure 2; 1 sheet and Figure 3; 2 sheets) with Figures 2 and 3 previously filed in this application.

Dated: December 23, 2003

Respectfully submitted,

By Heather Morehouse Ettinger
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Application No. (if known): 09/674,462

Attorney Docket No.: 02292/000H795-US0

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Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.
Submission of Substitute Drawings (2 pages)
2 drawings (3 sheets); (Figure 2; 1 sheet and Figure 3; 2 sheets)
Return Receipt Postcard (1 page).